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PS Magnusson, M Christensson, J Eskilson, D ... - COMPUTER., 2002 - computer.org  
... write **breakpoints** can check lock semantics around data structures, and timing **breakpoints** can trigger ... In addition, the **testing** can be automated by using checkpoints and scripts, and ... no side effects, such as an alignment exception, TLB miss, cache miss, or **simulator breakpoint**. ...  
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... a running kernel, since this allows very fast **testing**: no need to reboot to **test** a new **driver** (unless a fatal **error** freezes the ... The **test** starts ... Traffic **simulation** As every type of host- LAN ai communication, the **simulation** of the incoming and outgoing Ethernet traffic goes through the ...  
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... wanted to fail all I/O, this technique would result in a lot of **breakpoints** firing and ... Once the **breakpoint** is removed, the knowledge of the most effective point for fault insertion is lost ... There is no need for tedious manipulation of the **test** environment and no time consuming delays in ...  
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#### METHOD FOR PROGRAM DEBUGGING

HC Lien, HY Tseng, YC Huang, KP ... - US Patent App. 10/ ... 2004 - Google Patents  
... Diagnosis code **Test** 1st **breakpoint** 2nd **breakpoint** 00h 01h CMOS **test** Memory **test** N-th **breakpoint** N-th Hardware **test** [0023] The interrupt nature of **breakpoints** means a soft ... This causes the execution of memory **test** module to turn into the path of **error handler** "no memory". ...

#### [PDF] A structured approach to embedded control systems implementation

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JF Broenink, GH Hilderink - 2001 IEEE International Conference on ... 2001 - Citeseer  
... But even worse, there is a **break point** in the way of working: the results of the previous design ... Design and **test** protocols on machine level (eg homing to ensure proper repeatability). ... Impact of these additions on the behavior of the ECS can be checked by means of **simulation**. ...  
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R Bedichek - Winter 1990 Usenix Conference, 1990 - Citeseer  
... Separating translation buffers into four sections reduces the amount of **testing** and branching that memory ... The **simulator** is much more forgiving; it prints an explanation and stops on the ... These sequences of code cannot be single stepped or contain **breakpoints** on the real ...  
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... for developers. Example capabilities include set- ting **breakpoints**, function tracing, and inserting data. With this **simulator**, we debugged critical call flows (**test** sequences) along with the 5ESS call processing applica- tion. In our ...  
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HS Eliovitz - Proceedings of the 4th international conference on ... 1979 - portal.acm.org  
... A user may install a **simulation** from a file9 start the **simulation** at any labeled point in the ISP description9 set and clear **break- point** conditions that specify when a **simulation** will be interrupted automatically ... During the **testing** of the RTM **simulator** module, approximately ten ...  
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BR Montague - IEEE Micro, 1997 - Citeseer  
... to get our first trivial Java program to run and produce output under the **simulator**. ... This port was significantly expedited by a suite of Na- tional hardware **test** and 'demonstration ... by the clock interrupt, rather than generating interrupts it- self, and there was no **driver error handling**. ...  
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T Chusho, A Tanaka, E Okamoto, A Honda, ... - ... of the May 16-19, 1983 ... 1983 - portal.acm.org  
... A **breakpoint** is expressed by the procedure names or statement numbers for the target ... For the target program in assembly language, a **break- point** is expressed by the label names ... time, temporary commands for debugging can be entered without rewriting the **test** procedure in ...  
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